

IN THE CLAIMS

1. (Amended) An inground lift for use in a lift bay having a lift bay floor, said lift comprising:
 - a. at least one vertically moveable jack having a distal end configured to engage a vehicle; and
 - b. structure configured to interact with said lift bay floor to transfer substantially all load placed on said distal end of said jack to said lift bay floor.
2. (New) The lift of claim 1, wherein at least one of said at least one jack is horizontally moveable.
3. (New) The lift of claim 2, comprising a sensor for sensing respective horizontal positions of each of said at least one horizontally moveable jack.
4. (New) The lift of claim 2, comprising a mechanism configured to move said at least one horizontally moveable jack horizontally.
5. (New) The lift of claim 4, wherein said mechanism is supported by said structure.
6. (New) The lift of claim 5, wherein said mechanism comprises a horizontally moveable carriage supported by a track.
7. (New) The lift of claim 1, wherein said structure comprises a plurality of laterally extending members.
8. (New) The lift of claim 7, wherein said laterally extending members are arranged in a pattern configured to provide necessary structural strength for said lift bay floor to support said at least one jack.
9. (New) The lift of claim 7, wherein a plurality of said laterally extending members comprise a “V” shape.

10. (New) The lift of claim 7, wherein a plurality of said laterally extending members comprise a "U" shape.
11. (New) The lift of claim 10, wherein said "U" shape opens laterally outward.
12. (New) The lift of claim 10, wherein said "U" shape opens upwardly.
13. (New) The lift of claim 10, wherein said "U" shape comprises first and second spaced apart members, said first member being shorter than said second member.
14. (New) The lift of claim 1, wherein said at least one vertically moveable jack comprises a telescoping cylinder.
15. (New) The lift of any of the preceding claims, wherein said at least one vertically moveable jack comprises at least two vertically moveable jacks.
16. (New) The lift of claim 15, wherein at least two of said at least two vertically moveable jacks are disposed in a single housing.
17. (New) The lift of claim 16, wherein each of said vertically moveable jacks which are disposed in a single housing are horizontally moveable.
18. (New) The lift of claim 15, wherein at least one of said at least two vertically moveable jacks is disposed in a housing separate from any other of said at least two vertically moveable jacks.
19. (New) A lift bay comprising:
 - a. a lift bay floor;
 - b. an inground lift comprising

- i. at least one vertically moveable jack, a distal end of said jack configured to engage a vehicle; and
 - ii. structure configured to interact with said lift bay floor to transfer substantially all load placed on said distal end of said jack to said lift bay floor;
 - c. a supporting layer underlying said lift bay floor configured to provide support to said lift bay floor sufficient for said lift bay floor carry the load which is transferred to said lift bay floor by said structure; and
 - d. said lift bay floor configured to have sufficient structural capacity to carry said load when supported by said supporting layer.
20. (New) The lift bay of claim 19, wherein said lift bay floor has a nominal thickness distal from said inground lift, said lift bay floor having an increased thickness proximal said inground lift.
21. (New) The lift bay of claim 20, wherein the thickness of said lift bay floor slopes from said nominal thickness to said increased thickness.
22. (New) The lift bay of claim 29, wherein said supporting layer comprises rigid material adjacent said inground lift.
23. (New) The lift bay of claim 22, wherein said supporting layer comprises pea gravel disposed adjacent said inground lift, underlying said rigid material.
24. (New) A method of constructing a lift bay, said lift bay having a lift bay floor when said lift bay is fully constructed, said method comprising:
- a. forming a trench;
 - b. providing at least one inground lift comprising at least one vertically moveable jack having a distal end, a housing having a lower end and sides, and structure configured to interact with said lift bay floor to

transfer substantially all load placed on said distal end of said jack to said lift bay floor;

- c. disposing said lower end on top of a first substrate within said trench;
- d. disposing discrete material adjacent a lower portion of said sides; and
- e. pouring said lift bay floor, said structure being embedded in said lift bay floor.

25. (New) The method of claim 24, wherein said first substrate is pea gravel.

26. (New) The method of claim 24, wherein said discrete material is pea gravel.

27. (New) The method of claim 24, wherein the step of pouring said lift bay floor comprises pouring said lift bay floor as a substantially single pour.

28. (New) The method of claim 24, comprising the step of disposing rigid material adjacent said at least one inground lift.

29. (New) The method of claim 28, wherein said rigid material is disposed overlying said pea gravel.

30. (New) The method of claim 24, wherein said pea gravel adjacent said sides includes an upper surface, and comprising the step of compacting the upper surface.

31. (New) A method of constructing a lift bay, said lift bay having a lift bay floor when said lift bay is fully constructed, said method comprising:

- a. forming a trench;
- b. providing at least one inground lift comprising at least one vertically moveable jack having a distal end, and structure configured to interact with said lift bay floor to transfer substantially all load placed on said distal end of said jack to said lift bay floor;
- c. disposing said inground lift within said trench; and

- d. pouring said lift bay floor as a substantially single pour, said structure being embedded in said lift bay floor.
32. (New) The method of claim 31, comprising the step of providing a supporting layer underlying said lift bay floor.
33. (New) The method of claim 32, wherein the step of providing a supporting layer includes disposing rigid material adjacent said at least one inground lift, underlying said lift bay floor.
34. (New) The method of claim 33, wherein the step of providing a supporting layer includes disposing pea gravel underlying said rigid material.
35. (New) A method of supporting an inground lift in a lift bay, comprising the steps of:
- a. providing
 - i. at least one vertically moveable jack having a distal end configured to engage a vehicle and having structure configured to interact with a lift bay floor to transfer substantially all load placed on said distal end of said jack to said lift bay floor; and
 - ii. a lift bay floor; and
 - b. interacting said structure with said lift bay floor such that substantially all load placed on said distal end of said jack is transferred to said lift bay floor.
36. (New) An inground lift for use in a lift bay having a lift bay floor, said lift comprising first and second self contained lift modules, each lift module comprising at least one respective vertically moveable jack, means for vertically moving said jack, and a housing.

37. (New) The lift of claim 36, further comprising a control panel configured to receive operator inputs to selectively control movement of said jacks, said control panel being separate from said modules.

38. (New) The lift of claim 36, wherein at least one of said at least one jack of said first lift module is horizontally moveable, said first lift module comprising means for moving said jack horizontally.


39. (New) An inground lift comprising:

- a. at least one vertically and horizontally moveable jack having a distal end configured to engage a vehicle;
- b. an electronic control configured to selectively control vertically and horizontal movement of said at least one vertically and horizontally moveable jack based upon user input, said control being selectable between a positioning mode in which user input directs the horizontal movement of said at least one vertically and horizontally moveable jack and a lifting mode in which user input directs the vertical movement of said at least one vertically and horizontally moveable jack.

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